

Jackson, Susank

From: Curtis, Meosotis <Meosotis.Curtis@montgomerycountymd.gov>
Sent: Friday, August 23, 2013 1:41 PM
To: Pond, Greg
Cc: Jackson, Susank; Van Ness, Keith; Shofar, Steven
Subject: RE: IMPORTANT Info for Biological Condition Gradient development workshop for Piedmont Streams and WEBINAR

Hi Greg,

I think I have been tardy in responding. I do plan on being there for the first and last days. I will be participating from a management and policy perspective, since unfortunately I am no longer routinely in the field as necessary to hone identification and habitat needs skills.

I am repeating Keith's thanks for you and Susan's leadership in organizing and supporting this workshop.

I look forward to the sessions.

Meo Curtis

Manager, Stormwater Permit Coordination

Department of Environmental Protection

240-777-7711

meo.curtis@montgomerycountymd.gov

<http://www.montgomerycountymd.gov/content/dep/water/waterL2.asp>

From: Pond, Greg [mailto:Pond.Greg@epa.gov]
Sent: Friday, August 23, 2013 1:20 PM
To: Jackson, Susank; Stranko, Scott; Reynolds, Louis; msoutherland@Versar.com; Jcummins@ICPRB.org; Becker, Andrew; mstover@mde.state.md.us; cluckett@mde.state.md.us; Mack, Kenny; cpoukish@mde.state.md.us; Friedman, Ellen; St. John, Jennifer; aleslie@umd.edu; Dziepak, Neal; cmswan@umbc.edu; agriggs@icprb.org; Alexander, Laurie; Passmore, Margaret; David.Sigrist@montgomeryparks.org; Cole, Jai; Naibert, Eric; Jordahl, Dave; BORSUK, FRANK; Gillespie, Joy; rraesly@frostburg.edu; rhilderbrand@al.umces.edu; Gougeon, Charles; Jason.Hill@deq.virginia.gov; Kashiwagi, Michael T.; aeeverett@pa.gov; efilip@pa.gov; Jeanne.Classen@deq.virginia.gov; Warren.Smigo@deq.virginia.gov; William.Shanabruch@deq.virginia.gov; Ellen.Dickey@state.de.us; Kilian, Jay; Matthew Baker
Cc: Jeroen.Gerritsen@tetrattech.com; Shofar, Steven; Curtis, Meosotis; Dolan, Mary; Symborski, Mark; Forren, John; Van Ness, Keith; Boward, Dan
Subject: IMPORTANT Info for Biological Condition Gradient development workshop for Piedmont Streams and WEBINAR
Importance: High

Hello all, first off, sorry if you are receiving this email but are not planning to attend. I've kept you on here in case you change your mind :-)

We are scheduling a **pre-BCG webinar** for **Sept. 17th between 10:00—12:00**. More details on webinar and call-in instructions will be forthcoming.

Also, if you have not responded to Susan Jackson for travel support needs, please do so ASAP. Thanks to all of you who have contacted her so far.

As Susan mentioned below, we will begin the workshop **Tuesday September 24th @11:00 am** and will have a working lunch (provided). We want everyone there assembled and ready to go by 11:00. Agenda is forthcoming.

Here is the location of the workshop:

<http://www.montgomeryparks.org/facilities/DirectionstoAgHistoryFarmPark.shtm>

Last, I am attaching 2 reading items to help prepare you for the workshop. One is the original publication by Davies and Jackson (2006), and the other is a report-out from our pilot BCG workshop held back in March 2013.

Call or write me with any questions!

Greg

Greg Pond
U.S. EPA Region III
Office of Monitoring and Assessment
Freshwater Biology Laboratory
1060 Chapline St.
Wheeling, WV 26003
Ph: 304-234-0243
pond.greg@epa.gov

From: Jackson, Susank
Sent: Thursday, August 22, 2013 12:54 PM
To: Pond, Greg; Stranko, Scott; Reynolds, Louis; msoutherland@Versar.com; Jcummins@ICPRB.org; Becker, Andrew; mstover@mde.state.md.us; cluckett@mde.state.md.us; Kenny.Mack@montgomerycountymd.gov; cpoukish@mde.state.md.us; Friedman, Ellen; Jennifer.St.John@montgomerycountymd.gov; aleslie@umd.edu; Dziepak, Neal; cmswan@umbc.edu; agriggs@icprb.org; Alexander, Laurie; Passmore, Margaret; David.Sigrist@montgomeryparks.org; Cole, Jai; eric.naibert@montgomerycountymd.gov; dave.jordahl@montgomerycountymd.gov; BORSUK, FRANK; Gillespie, Joy; rraesly@frostburg.edu; rhilderbrand@al.umces.edu; Gougeon, Charles; Jason.Hill@deq.virginia.gov; Kashiwagi, Michael T.; aevertt@pa.gov; efilip@pa.gov; Jeanne.Classen@deq.virginia.gov; Warren.Smigo@deq.virginia.gov; William.Shanabruch@deq.virginia.gov; Ellen.Dickey@state.de.us; Kilian, Jay; Matthew Baker
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Subject: Re start time for Biological Condition Gradient development workshop for Piedmont Streams

Heads up: for those of you who are providing me information for travel support, I have been recommending arriving the night before so you are fresh and ready to go the next day. I just got word from Greg Pond that the start time will be late morning to noon to allow for those who will be driving up the first day.

We will get definite start time information out to you shortly – that may factor into your decision on whether you drive up Monday night or Tuesday morning. So, please bear with us.

Meanwhile, those who do require travel support – do go ahead and contact me regardless if you know for sure you need two or three nights lodging.

Thank you,

Susan Jackson

From: Jackson, Susank
Sent: Wednesday, August 21, 2013 5:35 PM
To: Pond, Greg; Stranko, Scott; Reynolds, Louis; msoutherland@Versar.com; Jcummins@ICPRB.org; Becker, Andrew;

mstover@mde.state.md.us; cluckett@mde.state.md.us; Kenny.Mack@montgomerycountymd.gov;
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meosotis.curtis@montgomerycountymd.gov; Dolan, Mary; Symborski, Mark; Forren, John; Keith.VanNess
(Keith.VanNess@montgomerycountymd.gov); Boward, Dan

Subject: RE: MARK YOUR CALENDARS RE: Invitation to a Biological Condition Gradient development workshop for
Piedmont Streams

I am working with Greg and Keith on preparing for the September 24 – 26th meeting on the Piedmont Streams biological
condition gradient. We will be able to provide travel support to non Federal scientists who will be providing technical
expertise at this meeting (sorry, fellow Feds!). We are constrained to support travel to those who will be coming from
outside of a 50 mile radius from the meeting location. However, if you will be traveling within 50 miles but there are
extenuating circumstances that would prevent you from attending due to commute, please contact me. We may be
able to apply for an exception.

I need to provide a list of recommended experts for travel support to the contractor and then sign travel approvals for
all receiving travel support. So, please contact me as soon as possible. I will need your name, contact information, area
of expertise.

Thank you,

Susan Jackson

From: Pond, Greg

Sent: Wednesday, July 24, 2013 8:57 AM

To: Stranko, Scott; Reynolds, Louis; msoutherland@Versar.com; Jcummins@ICPRB.org; Becker, Andrew;
mstover@mde.state.md.us; cluckett@mde.state.md.us; Kenny.Mack@montgomerycountymd.gov;
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(Keith.VanNess@montgomerycountymd.gov); Boward, Dan

Subject: WHOA !!! RE: MARK YOUR CALENDARS RE: Invitation to a Biological Condition Gradient development workshop
for Piedmont Streams

My bad----It is Sept 24-26th !!!! Tues-Thurs was correct, but my dates were wrong. Thanks Keith!

Greg Pond

U.S. EPA Region III

Office of Monitoring and Assessment

Freshwater Biology Laboratory

1060 Chapline St.

Wheeling, WV 26003

Ph: 304-234-0243

pond.greg@epa.gov

From: Pond, Greg

Sent: Wednesday, July 24, 2013 8:43 AM

To: 'Stranko, Scott'; Reynolds, Louis; msoutherland@Versar.com; Jcummins@ICPRB.org; Becker, Andrew; mstover@mde.state.md.us; cluckett@mde.state.md.us; Kenny.Mack@montgomerycountymd.gov; cpoukish@mde.state.md.us; Friedman, Ellen; Jennifer.St.John@montgomerycountymd.gov; aleslie@umd.edu; Dziepak, Neal; cmswan@umbc.edu; agriggs@icprb.org; Alexander, Laurie; Passmore, Margaret; David.Sigrist@montgomeryparks.org; Cole, Jai; eric.naibert@montgomerycountymd.gov; dave.jordahl@montgomerycountymd.gov; BORSUK, FRANK; Gillespie, Joy; rraesly@frostburg.edu; rhilderbrand@al.umces.edu; Gougeon, Charles; Jason.Hill@deq.virginia.gov; Kashiwagi, Michael T.; aeverett@pa.gov; efilip@pa.gov; Jeanne.Classen@deq.virginia.gov; Warren.Smigo@deq.virginia.gov; William.Shanabruch@deq.virginia.gov; Ellen.Dickey@state.de.us; Kilian, Jay; Matthew Baker

Cc: Jackson, Susank; Jeroen.Gerritsen@tetratech.com; 'steven.shofar@montgomerycountymd.gov'; meosotis.curtis@montgomerycountymd.gov; Dolan, Mary; Symborski, Mark; Forren, John; Keith.VanNess (Keith.VanNess@montgomerycountymd.gov); Boward, Dan

Subject: MARK YOUR CALENDARS RE: Invitation to a Biological Condition Gradient development workshop for Piedmont Streams

Greetings Piedmont BCG-ers,

The results of the Doodle Poll are in, and it looks like we will be holding the BCG meeting Sept. 23-25. Tues and Thursday will be ½ days and Wednesday will be a full day. It also looked like a few of you might not be able to make the whole workshop, but your participation in any part of this is still critical.

More information to follow including travel arrangements and upcoming webinar to prepare us for an intensive workshop looking at fish, benthic, and salamander data! Can't wait!

Stay tuned,

Greg

Greg Pond
U.S. EPA Region III
Office of Monitoring and Assessment
Freshwater Biology Laboratory
1060 Chapline St.
Wheeling, WV 26003
Ph: 304-234-0243
pond.greg@epa.gov

From: Stranko, Scott [<mailto:SSTRANKO@dnr.state.md.us>]

Sent: Wednesday, July 03, 2013 4:03 PM

To: Pond, Greg; Reynolds, Louis; msoutherland@Versar.com; Jcummins@ICPRB.org; Becker, Andrew; mstover@mde.state.md.us; cluckett@mde.state.md.us; Kenny.Mack@montgomerycountymd.gov; cpoukish@mde.state.md.us; Friedman, Ellen; Jennifer.St.John@montgomerycountymd.gov; aleslie@umd.edu; Dziepak, Neal; cmswan@umbc.edu; agriggs@icprb.org; Alexander, Laurie; Passmore, Margaret; David.Sigrist@montgomeryparks.org; Cole, Jai; eric.naibert@montgomerycountymd.gov; dave.jordahl@montgomerycountymd.gov; BORSUK, FRANK; Gillespie, Joy; rraesly@frostburg.edu; rhilderbrand@al.umces.edu; rgauza@aza.org; Gougeon, Charles; Jason.Hill@deq.virginia.gov; Kashiwagi, Michael T.; aeverett@pa.gov; efilip@pa.gov; Jeanne.Classen@deq.virginia.gov; Warren.Smigo@deq.virginia.gov; William.Shanabruch@deq.virginia.gov; Ellen.Dickey@state.de.us; Kilian, Jay; Matthew Baker

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(Keith.VanNess@montgomerycountymd.gov); Boward, Dan

Subject: RE: Invitation to a Biological Condition Gradient development workshop for Piedmont Streams

Thank you Greg,

This should be a very useful endeavor.

From: Pond, Greg [mailto:Pond.Greg@epa.gov]

Sent: Thursday, June 27, 2013 9:53 AM

To: Reynolds, Louis; msoutherland@Versar.com; Jcummins@ICPRB.org; Stranko, Scott; Becker, Andrew; mstover@mde.state.md.us; cluckett@mde.state.md.us; Kennedy.Mack@montgomerycountymd.gov; cpoukish@mde.state.md.us; Friedman, Ellen; Jennifer.St.John@montgomerycountymd.gov; aleslie@umd.edu; Dziepak, Neal; cmswan@umbc.edu; agriggs@icprb.org; Alexander, Laurie; Passmore, Margaret; David.Sigrist@montgomeryparks.org; Cole, Jai; eric.naibert@montgomerycountymd.gov; dave.jordahl@montgomerycountymd.gov; BORSUK, FRANK; Gillespie, Joy; rraesly@frostburg.edu; rhilderbrand@al.umces.edu; rgauza@aza.org; Gougeon, Charles; Jason.Hill@deq.virginia.gov; Kashiwagi, Michael T.; aeeverett@pa.gov; efilip@pa.gov; Jeanne.Classen@deq.virginia.gov; Warren.Smigo@deq.virginia.gov; William.Shanabruch@deq.virginia.gov; Ellen.Dickey@state.de.us; Kilian, Jay; Matthew Baker
Cc: Jackson, Susank; Jeroen.Gerritsen@tetrattech.com; steven.shofar@montgomerycountymd.gov; meosotis.curtis@montgomerycountymd.gov; Dolan, Mary; Symborski, Mark; Forren, John; Keith.VanNess (Keith.VanNess@montgomerycountymd.gov); Boward, Dan

Subject: Invitation to a Biological Condition Gradient development workshop for Piedmont Streams

Importance: High

Dear fellow stream biologists,

We are in the planning process to convene a **2.5 day** technical workshop at the Montgomery County, MD Agricultural History Farm Park in September, to develop and refine a Biological Condition Gradient (BCG) using macroinvertebrate and fish/salamander assemblages for Piedmont streams in Maryland (with overlap into PA, VA, DE). **I am contacting you because you have expertise in one or more of these aquatic assemblages, and have knowledge of Piedmont streams and/or impacts from urban development.** If you don't know anything about BCG, no worries because we will send out some info, and have a couple of webinars in August to get everyone up to speed.

Back in March, we had a small panel group (many whom are on this distribution list) involved in a pilot to develop a preliminary BCG for headwater streams in Montgomery County. Montgomery County Department of Environmental Protection is very interested in using a BCG framework to refine and supplement their current bioassessment indices for benthos and fishes. We are extending the pilot panel to reach out to more biologists knowledgeable about Piedmont stream fauna. With your help during the meeting, we will be able to refine the BCG, and assess many more sites to calibrate a robust model. The resulting BCG model will be predictive so that new sites can be easily categorized along the BCG tiers.

EPA has some funding to pay hotel and per diem for some of you traveling from longer distances.

I will be sending out a **Doodle Poll** shortly. Follow the link and indicate your availability in the month of September. We would really benefit (and you will too) from getting regional biologists together, and getting down into the nuts and bolts of Piedmont stream community structure through lively discussion on taxa found in high quality streams to heavily impacted urban streams.

If you feel immediately that you cannot participate in this, please shoot me an email and I will take you off this distribution list.

Thanks,

Greg

Greg Pond

U.S. EPA Region III

Office of Monitoring and Assessment

Freshwater Biology Laboratory

1060 Chapline St.

Wheeling, WV 26003

Ph: 304-234-0243

pond.greg@epa.gov

Jackson, Susank

From: Curtis, Meosotis <Meosotis.Curtis@montgomerycountymd.gov>
Sent: Tuesday, August 19, 2014 8:26 AM
To: Pond, Greg; Jen.Stamp@tetrattech.com; Mack, Kenny
Cc: Jackson, Susank; Gerritsen, Jeroen
Subject: RE: sub-sampling program and instructions

Hi Jen,

Apparently, the County email system also stripped the attachments because neither Ken nor I got them.

If you wouldn't mind, would you resend the file but change the extension to 'xyz' rather than 'exe'? I've had this done with ACCESS database files because our email system doesn't like the 'mdb' extension either.

This is easier than having to upload and download through our ftp site.

Thanks,

Meo Curtis

Manager, Stormwater Permit Coordination
Department of Environmental Protection
240-777-7711
meo.curtis@montgomerycountymd.gov
www.montgomerycountymd.gov/dep/

From: Pond, Greg [mailto:Pond.Greg@epa.gov]
Sent: Friday, August 15, 2014 10:41 AM
To: Jen.Stamp@tetrattech.com; Mack, Kenny; Curtis, Meosotis
Cc: Jackson, Susank; Gerritsen, Jeroen
Subject: RE: sub-sampling program and instructions

Thank you, Jen. The instruction guide is fantastic—well done! The EPA's email system stripped the subsampling.exe program, but I already have it.

Ken, feel free to contact me anytime too if you have any problems.

Greg Pond
U.S. EPA Region III
Office of Monitoring and Assessment
Freshwater Biology Laboratory
Wheeling, WV 26003
(304) 234-0243

From: Stamp, Jen [mailto:Jen.Stamp@tetrattech.com]
Sent: Thursday, August 14, 2014 2:34 PM
To: Mack, Kenny; Curtis, Meosotis; Pond, Greg
Cc: Jackson, Susank; Gerritsen, Jeroen
Subject: sub-sampling program and instructions

Hi Ken and Meo,

At long last, attached you'll find the sub-sampling program and instructions on how to use it. I also attached a sample data file that you can use for a test run.

Please let me know if you have any questions or problems with any of these files.

Also, I welcome your feedback on the Instructions file (Greg, that includes you – I know you have experience using this program).

Thank you,

Jen

Jen Stamp | Aquatic Ecologist

Voice: 802.229.4508 (office) 802.839.8603 (cell) | Fax: 802.223.6551 Jen.Stamp@tetrattech.com

Tetra Tech | Complex World, Clear Solutions

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Subject: RE: sub-sampling program and instructions

Hi Jen,

I copied and changed and it is running. Did you also send over a 'test file' in the earlier email?

Ken: saved here: R:\Programs\SPA\biological condition gradient\database files

Thanks,

Meo Curtis

Manager, Stormwater Permit Coordination
Department of Environmental Protection
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From: Stamp, Jen [mailto:Jen.Stamp@tetrattech.com]
Sent: Tuesday, August 19, 2014 10:38 AM
To: Curtis, Meosotis; Pond, Greg; Mack, Kenny
Cc: Jackson, Susank; Gerritsen, Jeroen
Subject: RE: sub-sampling program and instructions

Hi Meo,

Attached is the subsample program. Like you suggested, I changed the extension to .xyz. Just change it back to .exe after you download it and you should be all set. If you still have problems, let me know and I'll post it on our Tetra Tech FTP site.

Thanks!

Jen

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From: Curtis, Meosotis <Meosotis.Curtis@montgomerycountymd.gov>
Sent: Tuesday, August 19, 2014 11:56 AM
To: Jen.Stamp@tetrattech.com; Pond, Greg; Mack, Kenny
Cc: Jackson, Susank; Gerritsen, Jeroen
Subject: RE: test file for subsampling program
Attachments: MoCo_Input.csv

thanks.

Ken: saved to same folder.

Meo Curtis

Manager, Stormwater Permit Coordination
Department of Environmental Protection
240-777-7711
meo.curtis@montgomerycountymd.gov
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Sent: Tuesday, August 19, 2014 11:54 AM
To: Curtis, Meosotis; Pond, Greg; Mack, Kenny
Cc: Jackson, Susank; Gerritsen, Jeroen
Subject: test file

Hi Meo,
You can use the attached MoCo_Input .csv file as a test file. After you run the program, the output file will appear in the folder.

Jen

From: Curtis, Meosotis [mailto:Meosotis.Curtis@montgomerycountymd.gov]
Sent: Tuesday, August 19, 2014 11:30 AM
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To: Jen.Stamp@tetrattech.com; Mack, Kenny; Curtis, Meosotis
Cc: Jackson, Susank; Gerritsen, Jeroen
Subject: RE: sub-sampling program and instructions

Thank you, Jen. The instruction guide is fantastic—well done! The EPA's email system stripped the subsampling.exe program, but I already have it.

Ken, feel free to contact me anytime too if you have any problems.

Greg Pond
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Office of Monitoring and Assessment
Freshwater Biology Laboratory
Wheeling, WV 26003

(304) 234-0243

From: Stamp, Jen [<mailto:Jen.Stamp@tetrattech.com>]
Sent: Thursday, August 14, 2014 2:34 PM
To: Mack, Kenny; Curtis, Meosotis; Pond, Greg
Cc: Jackson, Susank; Gerritsen, Jeroen
Subject: sub-sampling program and instructions

Hi Ken and Meo,

At long last, attached you'll find the sub-sampling program and instructions on how to use it. I also attached a sample data file that you can use for a test run.

Please let me know if you have any questions or problems with any of these files.

Also, I welcome your feedback on the Instructions file (Greg, that includes you – I know you have experience using this program).

Thank you,

Jen

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Voice: 802.229.4508 (office) 802.839.8603 (cell) | Fax: 802.223.6551 Jen.Stamp@tetrattech.com

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SITEYR	FinalName	NumInd
LSTM112_	Acerpenna	2
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LSTM112_	Allocapnia	2
LSTM112_	Ameletus	8
LSTM112_	Amphinem	65
LSTM112_	Bezzia	1
LSTM112_	Cambarus	3
LSTM112_	Cheumatop	1
LSTM112_	Crangonyx	1
LSTM112_	Cultus	1
LSTM112_	DIAMESIN/	32
LSTM112_	Dicranota	3
LSTM112_	Dipheter	15
LSTM112_	Diplectroni	3
LSTM112_	Dolophilod	1
LSTM112_	Eccoptura	5
LSTM112_	Eurylophell	4
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LSTM112_	Hexatoma	2
LSTM112_	Isoperla	7
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LSTM112_	Nemoura	3
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LSTM112_	ORTHOCLA	10
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LSTM112_	Pycnopsycl	5
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LSTM304_ ; Rhyacophil	2

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LSTM304_	TANYPODII	3
LSTM304_	Tipula	4

